IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ito et al. Appl. No.: 10/599,071

Conf. No.: 3798

Filed: September 19, 2006

Title: STIMULI-RESPONSIVE HYDROGEL, PRODUCTION METHOD OF

STIMULI-RESPONSIVE HYDROGEL, AND POLYMER ACTUATOR USING

STIMULI-RESPONSIVE HYDROGEL

Art Unit: 1796

Examiner: Darcy D. LaClair Docket No.: 3712174-00608

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION

Sir:

In response to the non-final Office Action dated May 3, 2010, please amend the aboveidentified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 7 of this paper.